

## CHECKLIST ENVIRONMENTAL ASSESSMENT

**Project Name:** Clemmensen - Domestic Water Line

**Proposed Implementation Date:** Winter/Spring 2008

**Proponent:** Stanley Clemmensen, 4255 MT highway 200 , Wolf Creek, MT 59468 (406) 235-4416

**Type and Purpose of Action:** The purpose of this proposal is to provide an access route for a 2" domestic water line in order to supply water to the proponent's residence. The route will cover approximately 1450' through sacrifice pasture land. The state surface is leased by Betty Fuson under agreement # 4987. Surface damage settlement has been agreed upon by proponent and surface lessee. 'No damages are anticipated'. This project will require an LUL as the origin and terminus of the water system will be located on adjacent private lands.

**Location:** T28N – R2W – Sec 29 N2NE4  
Common School

**County:** Pondera

### I. PROJECT DEVELOPMENT

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|---|---|
| 1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED: Provide a brief chronology of the scoping and ongoing involvement for this project. | DNRC, Surface owner<br>Betty Fuson, Surface Lessee<br>Stanley Clemmensen, Proponent |
| 2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:   | None  |
| 3. ALTERNATIVES CONSIDERED:   | Deny the request  |

### II. IMPACTS ON THE PHYSICAL ENVIRONMENT

RESOURCE	[Y/N]	POTENTIAL IMPACTS
N = Not Present or No Impact will occur. Y = Impacts may occur (explain below)		
4. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE: Are fragile, compactable or unstable soils present? Are there unusual geologic features? Are there special reclamation considerations? Are cumulative impacts likely to occur as a result of this proposed action?	[N]	This proposal will take place within a sacrifice grazing pasture. The 2" water line will be ripped in place. This process allows the original vegetation to roll back in place after completion. The trench line will require reseeding to prevent weed infestations from developing. Seeding recommendation will be 50% Slender Wheatgrass, 20% Green Needle grass, & 30%

## II. IMPACTS ON THE PHYSICAL ENVIRONMENT

Alfalfa. Rate should be 7 #/acre drilled.  
Cumulative impacts are not anticipated as a result of this project.

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| 5. WATER QUALITY, QUANTITY AND DISTRIBUTION: Are important surface or groundwater resources present? Is there potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality? Are cumulative impacts likely to occur as a result of this proposed action?  | [N] Ground water or surface water will not be impacted as a result of this project. The water source supplying the proposed pipeline is via the Tiber Water System. Cumulative impacts are not expected as a result of this proposal. |
| 6. AIR QUALITY: Will pollutants or particulate be produced? Is the project influenced by air quality regulations or zones (Class I air shed)? Are cumulative impacts likely to occur as a result of this proposed action?  | [N] There will be no impact to the air shed as a result of this proposal.   |
| 7. VEGETATION COVER, QUANTITY AND QUALITY: Will vegetative communities be permanently altered? Are any rare plants or cover types present? Are cumulative impacts likely to occur as a result of this proposed action?   | [N] The vegetative community will have impact due to this proposal. The landscape will reveal a scarp resulting from the excavation. The surface impacts are anticipated to be minimal.   |
| 8. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS: Is there substantial use of the area by important wildlife, birds or fish? Are cumulative impacts likely to occur as a result of this proposed action?  | [N] There will not be any adverse impact to fish, wildlife, or birds resulting from this proposal.  |
| 9. UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES: Are any federally listed threatened or endangered species or identified habitat present? Any wetlands? Sensitive Species or Species of special concern? Are cumulative impacts likely to occur as a result of this proposed action?   | [N] There are no endangered or threatened species or habitat present on this site.  |
| 10. HISTORICAL AND ARCHAEOLOGICAL SITES: Are any historical, archaeological or paleontological resources present?  | [N] During the field inspection there were no historic sites found. The lease records also indicated no cultural sites present within the proposed area.  |
| 11. AESTHETICS: Is the project on a prominent topographic feature? Will it be visible from populated or scenic areas? Will there be excessive noise or light? Are cumulative impacts likely to occur as a result of this proposed action?  | [N] There are no prominent topographic features within the proposed area.   |
| 12. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, and AIR OR ENERGY: Will the project use resources that are limited in the area? Are there other activities nearby that will affect the project? Are cumulative impacts likely to occur as a result of this proposed action?   | [N] There are no anticipated cumulative impacts to other activities in the area resulting from this proposal.   |
| 13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA: Are there other studies, plans or projects on this tract? Are cumulative impacts likely to occur as a result of other private, state or federal current actions w/n the analysis area, or from future proposed state actions that are under MEPA review (scoping) or permitting review by any state agency w/n the analysis area? | [N] None  |

### III. IMPACTS ON THE HUMAN POPULATION

RESOURCE	[Y/N] POTENTIAL IMPACTS AND MITIGATION MEASURES
14. HUMAN HEALTH AND SAFETY: Will this project add to health and safety risks in the area?	[N] This project will not add to the health and safety of the area.
15. INDUSTRIAL, COMMERCIAL AND AGRICULTURAL ACTIVITIES AND PRODUCTION: Will the project add to or alter these activities?	[N] This project will not add to or alter other industries within the area.
16. QUANTITY AND DISTRIBUTION OF EMPLOYMENT: Will the project create, move or eliminate jobs? If so, estimated number. Are cumulative impacts likely to occur as a result of this proposed action?	[Y] This project will create a few contracting jobs during the installation process.
17. LOCAL AND STATE TAX BASE AND TAX REVENUES: Will the project create or eliminate tax revenue? Are cumulative impacts likely to occur as a result of this proposed action?	[Y] This project will create some tax revenue.
18. DEMAND FOR GOVERNMENT SERVICES: Will substantial traffic be added to existing roads? Will other services (fire protection, police, schools, etc) be needed? Are cumulative impacts likely to occur as a result of this proposed action?	[N] There will not be substantial traffic added to the area as a result of this project.
19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS: Are there State, County, City, USFS, BLM, Tribal, etc. zoning or management plans in effect?	[N] None
20. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES: Are wilderness or recreational areas nearby or accessed through this tract? Is there recreational potential within the tract? Are cumulative impacts likely to occur as a result of this proposed action?	[Y] There are no wilderness areas accessed through this tract.
21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING: Will the project add to the population and require additional housing? Are cumulative impacts likely to occur as a result of this proposed action?	[N] None
22. SOCIAL STRUCTURES AND MORES: Is some disruption of native or traditional lifestyles or communities possible?	[N] None
23. CULTURAL UNIQUENESS AND DIVERSITY: Will the action cause a shift in some unique quality of the area?	[N] None
24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES: Is there a potential for other future uses for easement area other than for current management? Is future use hypothetical? What is the estimated return to the trust. Are cumulative impacts likely to occur as a result of this proposed action?	[Y] Estimated return from the LUL will be a minimum of \$100.00 per year. No cumulative impacts are likely to occur as a result of this proposed action.

LUS Conrad Unit      Date: 12-4-07  
Title

IV. FINDING	
25. ALTERNATIVE SELECTED:	Approve the domestic water pipeline project under LUL #8570.
26. SIGN4IFICANCE OF POTENTIAL IMPACTS:	Short-term and small-scale impacts to the native rangeland is expected along the pipeline route. All disturbed areas will be recontoured and reseeded to native grass according to the specifications outlined within this EA. No known archaeological sites are located within the project area. The surface lessee has been contacted and actual damages have been settled. The School Trust will receive \$500.00 for a 10 year LUL . Overall, no negative environmental impacts are expected.
27. Need for Further Environmental Analysis:  <input type="checkbox"/> EIS <input type="checkbox"/> More Detailed EA <input checked="" type="checkbox"/> No Further Analysis	

EA Checklist Approved By: Erik Eneboe Conrad Unit Manager - CLO  
Name Title

December 10, 2007

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Signature \_\_\_\_\_ Date \_\_\_\_\_